

California Water Commission

Department of Water Resources Update

State Water Project

- Nation's largest state-built water conveyance system – designed to provide flood control, recreation, and fish and wildlife habitat protection
- Supply water to **27 million Californians** and 750,000 acres of farmland
- Serve 6 million people in underrepresented communities
- 4th largest power generator and largest power user in the state of California
- We seek equity of our programs and services through inclusive outreach and engagement with the state's diverse population.



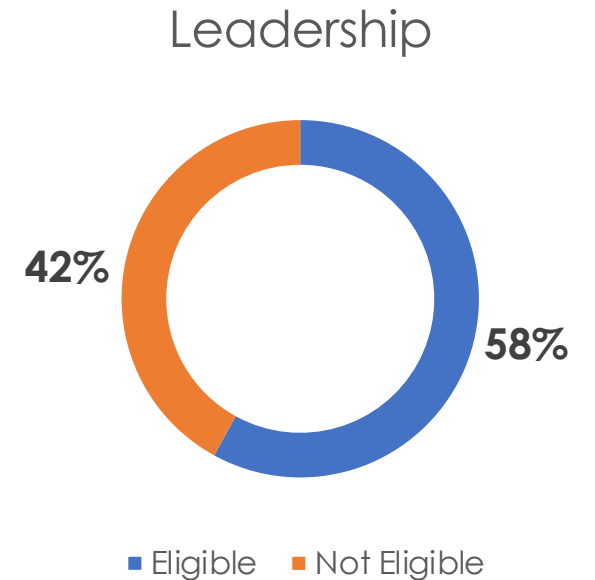
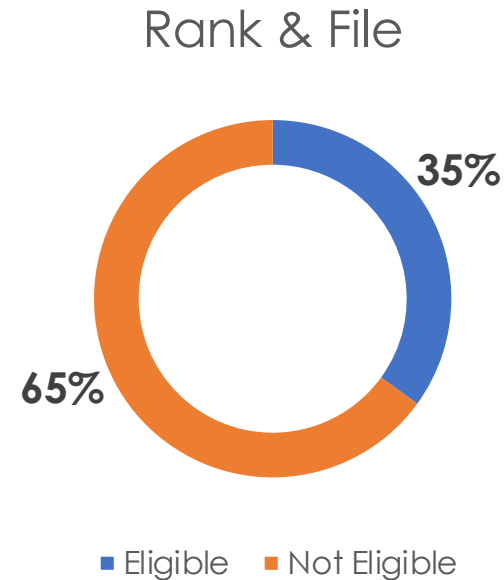


Aging Infrastructure

- State Water Project is over 60 years old
- With climate change, increased infrastructure-related risk requires more maintenance and innovative solutions
- Need additional conveyance projects to protect project reliability

Aging Workforce

- Anticipating impacts to Department technical expertise
- Developed succession plan to ensure knowledge transfer occurs
- DWR is also pursuing **150 new positions** to create a system for proactive maintenance



Creative Solutions

- Grid Stabilization
 - Aligns SWP hydropower generation to hours of highest demands on the grid
- Forecast Informed Reservoir Operations (FIRO)
 - Pursuing federal partnerships and funding to improve flood control and surface and groundwater supply storage
- Improve Water Transfers Process
 - New contract amendment to water management tools
- Habitat Restoration
 - Voluntary Agreements

Climate Change Actions

- Completed Climate Action Plan – including risk assessment of SWP facilities
- By 2045, SWP power portfolio will be 100% zero emissions.
- Hired SWP Climate Action Coordinator
- Conducting near-term rehabilitation actions and long-term feasibility study for subsidence-related damage to the California Aqueduct

Questions

For more information, please visit: www.water.ca.gov